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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/904,665	07/16/2001	Ki-Hyub Sung	P56406	6179

7590

03/03/2004

Robert E. Bushnell
Suite 300
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Washington, DC 20005

EXAMINER

CHANG, YEAN HSI

ART UNIT	PAPER NUMBER
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2835

DATE MAILED: 03/03/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary**Application No.**

09/904,665

Applicant(s)

SUNG, KI-HYUB

Examiner

Yean-Hsi Chang

Art Unit

2835

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 January 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-4, 10-14 and 20 is/are rejected.
- 7) ☒ Claim(s) 5-9 and 15-19 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 11-12 and 20 are rejected under 35 U.S.C. 102(e) as being anticipated by Sasai et al. (US 6,426,803 B1).

Sasai teaches a display apparatus having a liquid crystal display (LCD) panel (11, fig. 1), the display apparatus comprising:

- At least one coupling (185, fig. 4) extended from a front surface (not numbered) of the rear cover (100, fig. 4) toward the front cover (200, fig. 4), said coupling having a groove (185a, fig. 6) formed therein (claim 11)
- At least one rib (202, fig. 4) formed to extend from a skirt (not numbered) of the front cover for engaging the groove of the coupling (claim 11)
- Wherein the couplings are disposed at four corner portions of the rear cover; and the ribs are disposed at four corner portions of the front cover (shown in fig. 4) (claim 12)

- A rear cover skirt (not numbered) having a rabbetted edge (at location 203, fig. 6) and a rabbetted edge (203, fig. 6) of said skirt of said front cover, wherein said rabbetted edges overlap when said front cover and said rear cover are coupled together (shown in fig. 6) (claim 20)
- A plurality of tool access holes (201, fig. 4) formed through the front cover for permitting a tool (T, fig. 6) to be inserted through the front cover to disengage the coupling and the rib.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 13-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sasai et al. (US 6,426,803 B1).

Sasai discloses the claimed invention except the access holes being formed through the rear cover.

It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the device of Sasai with the holes being formed through the rear cover, since it has been held that mere rearranging parts of an invention involves only routine skill in the art. See MPEP §2144.04, VI C.

5. Claims 1-4 and 10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sasai et al.

Sasai discloses the claimed invention except for the couplings being extended from a rear surface of the front cover, and the ribs formed to extend from a skirt of the rear cover. It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the device of Sasai with the couplings extended from a rear surface of the front cover, and the ribs formed to extend from a skirt of the rear cover, since it has been held that mere rearranging parts of an invention involves only routine skill in the art. See MPEP §2144.04, VI C.

Allowable Subject Matter

6. Applicant is advised that the indication of allowable subject matters in office action mailed 10/21/2003 is vacated. The reasons are shown in the rejections hereinabove.

7. Claims 5-9 and 15-19 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

8. The following is a statement of reasons for the indication of allowable subject matter: The best prior art of record, Sasai et al. (US 6,426,803 B1), fails to teach or reasonably suggest a display apparatus comprising: at least 4 stops protruding from

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said rear surface (or front surface) of the front cover (or rear cover) so as to be engaged with a panel support, to prevent the panel support from moving across a plane of the LCD panel as set forth in claims 5-6 and 15-16; wherein a hook is formed at the leading edge of each stop for engaging an edge of the panel support as set forth in claims 7 and 17; a plurality of support ribs protruding from the rear cover so as to be contacted with each stop to force the hook of each stop toward the edge of the panel support to support the engagement of the hook and the edge of the panel support as set forth in claims 8 and 18; and wherein the edge of the panel support is formed with a projection allowing the hook of each stop to overlap the projection to support the engagement of the hook and the edge of the panel support as set forth in claims 9 and 19.

Response to Arguments

9. Applicant's arguments filed Jan. 15, 2004 have been fully considered but they are not persuasive.

The indication of a typo in the title of paragraph 2 of the office action mailed 10/21/2003 is appreciated. Correction has been made.

Regarding claim 11, applicant argues, "Sasai discloses a facsimile apparatus 1 as a reading/printing apparatus, not a display apparatus as required by claim 11. Sasai's facsimile apparatus has a liquid crystal display (LCD) panel 11, but fails to show a panel support supporting the LCD panel. ... calling cover 200 a front cover is a

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said rear surface (or front surface) of the front cover (or rear cover) so as to be engaged with a panel support, to prevent the panel support from moving across a plane of the LCD panel as set forth in claims 5-6 and 15-16; wherein a hook is formed at the leading edge of each stop for engaging an edge of the panel support as set forth in claims 7 and 17; a plurality of support ribs protruding from the rear cover so as to be contacted with each stop to force the hook of each stop toward the edge of the panel support to support the engagement of the hook and the edge of the panel support as set forth in claims 8 and 18; and wherein the edge of the panel support is formed with a projection allowing the hook of each stop to overlap the projection to support the engagement of the hook and the edge of the panel support as set forth in claims 9 and 19.

Response to Arguments

9. Applicant's arguments filed Jan. 15, 2004 have been fully considered but they are not persuasive.

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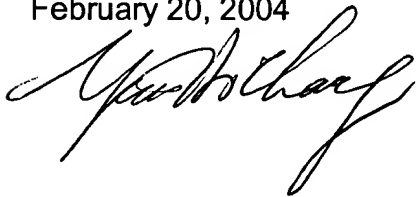
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10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yean-Hsi Chang whose telephone number is (571) 272-2038. The examiner can normally be reached on 07:30-16:00.

If attempts to reach the examiner by telephone are unsuccessful, the Art Unit phone number is (571) 272-2800, ext. 35. The fax phone number for the organization where this application or proceeding is assigned is (703) 305-3431 for regular communications and for After Final communications. There are RightFax numbers and provide the fax sender with an auto-reply fax verifying receipt by the USPTO: Before-Final (703-872-9318) and After-Final (703-872-9319).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-8558.

Yean-Hsi Chang
Patent Examiner
Art Unit: 2835
February 20, 2004

A handwritten signature in black ink, appearing to read 'Yean-Hsi Chang', is written over the typed name and date.